

LEVITECH LIFT SYSTEM RECHARGE INSTRUCTIONS

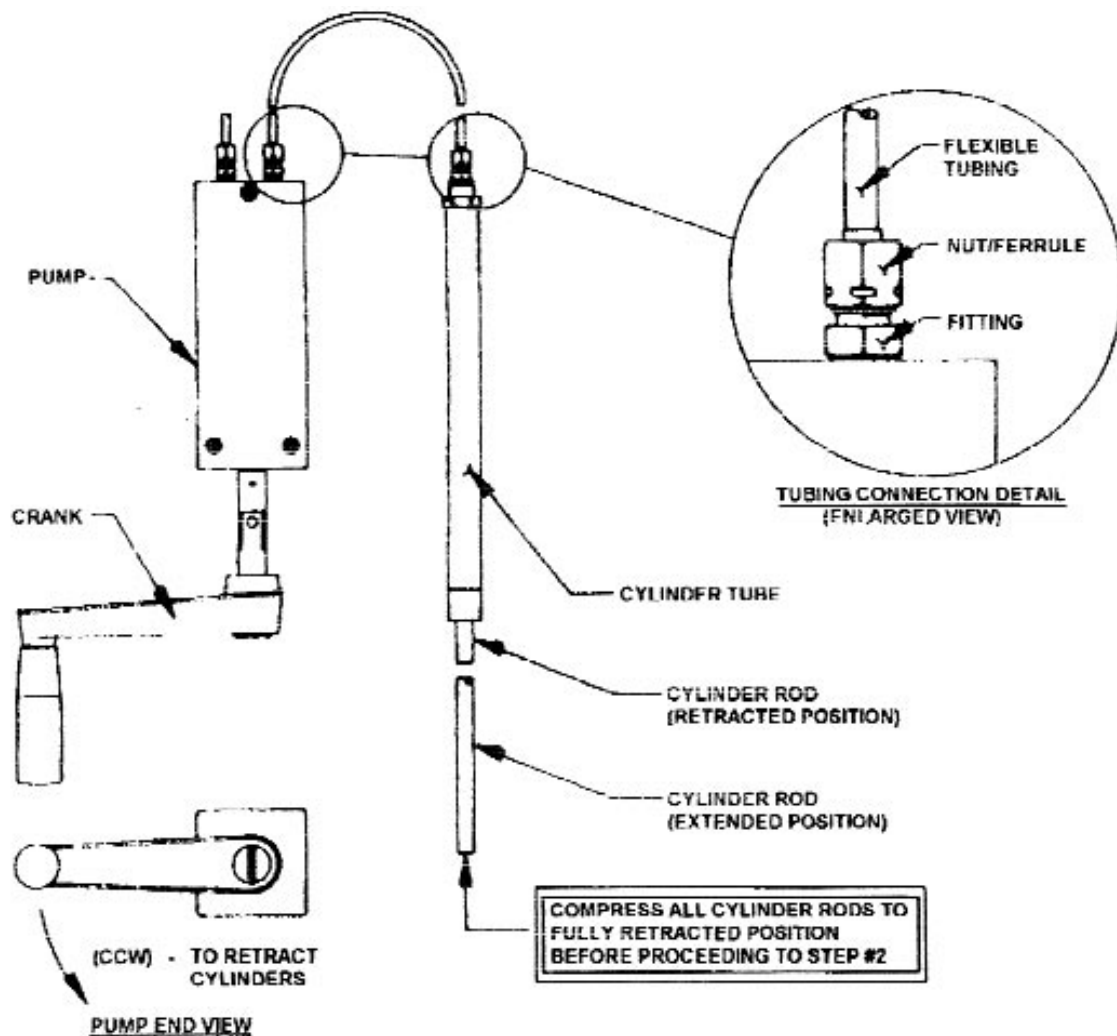


FIGURE 1 – ASSEMBLY SYSTEM

1. While maintaining a load on all cylinder rods, turn the pump crank counterclockwise (CCW) until crank will not rotate. This will ensure that all cylinders are completely retracted.

IMPORTANT NOTE: Remove load on cylinder rods before proceeding to step #2.

2. With pump in vertical position as shown above, unscrew the nut/ferrule from the pump fitting that is connected with the cylinder to be recharged.

IMPORTANT NOTE: Make sure that the fitting does not unthread from the pump endcap.

3. Unscrew nut/ferrule from cylinder fitting.

IMPORTANT NOTE: Make sure that the fitting does not unthread from the cylinder endcap.

4. Measure new length of flexible tubing coil provided in kit. Cut tubing to length with sharp razor knife, making sure both ends are clean and square. Discard old nut/ferrule/tube assembly.

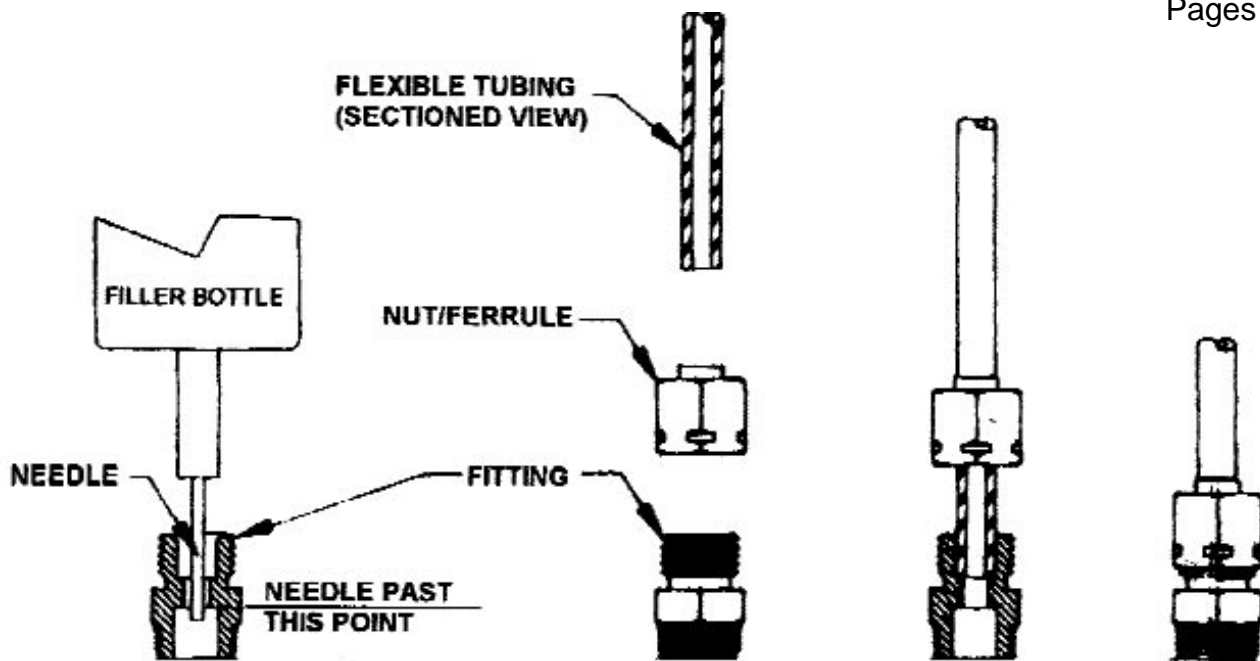


FIGURE 2 - FITTING ASSEMBLY DETAIL

5. Fill open pump fitting with Levitech hydraulic fluid completely to the top.

IMPORTANT NOTE: Pump fitting will not fit properly unless filler bottle needle is inserted past the smallest opening in the fitting as shown in Figure 2 above.

6. Slowly and gently pull cylinder rod out of cylinder tube about 6 inches. Fill open cylinder fitting with Levitech hydraulic fluid completely to the top.

IMPORTANT NOTE: Pump fitting will not fit properly unless filler bottle needle is inserted past the smallest opening in the fitting as shown in Figure 2 above.

7. Slide nut/ferrule over one end of tubing and insert tubing into the cylinder fitting port until it bottoms out. While maintaining a slight downward pressure on tubing, finger tighten nut/ferrule down onto cylinder fitting. Then, tighten nut/ferrule an additional 1 to 1 1/4 turns to secure the connection.

8. While holding free end of flexible tubing over container, compress cylinder rod into cylinder tube to fully retracted position. This will expel air and fluid from cylinder/tubing assembly. It will also charge the tubing with fluid.

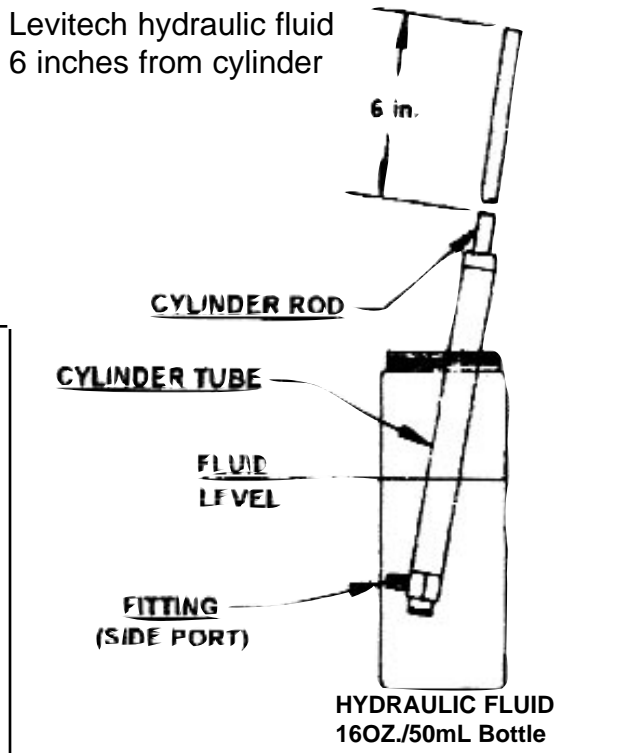
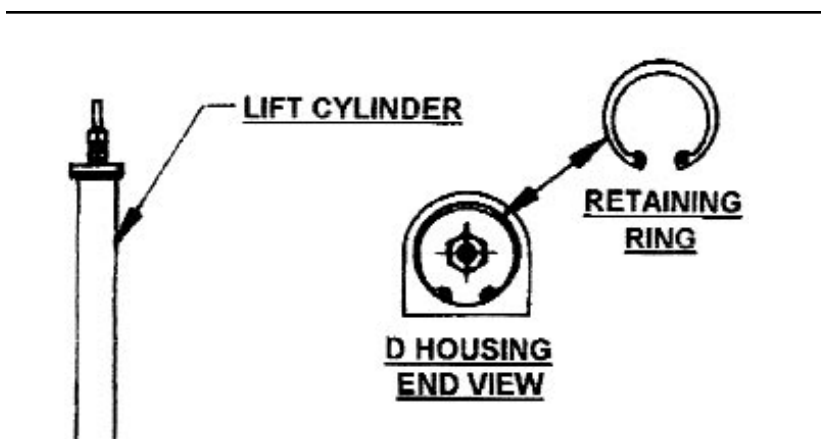
9. Slide nut/ferrule over free end of tubing and insert tubing into the pump fitting port until it bottoms out. While maintaining a slight downward pressure on tubing, finger tighten nut/ferrule down onto the pump fitting. Then tighten nut/ferrule an additional 1 to 1 1/4 turns to secure the connections.

10. Repeat steps 2-9 as necessary.

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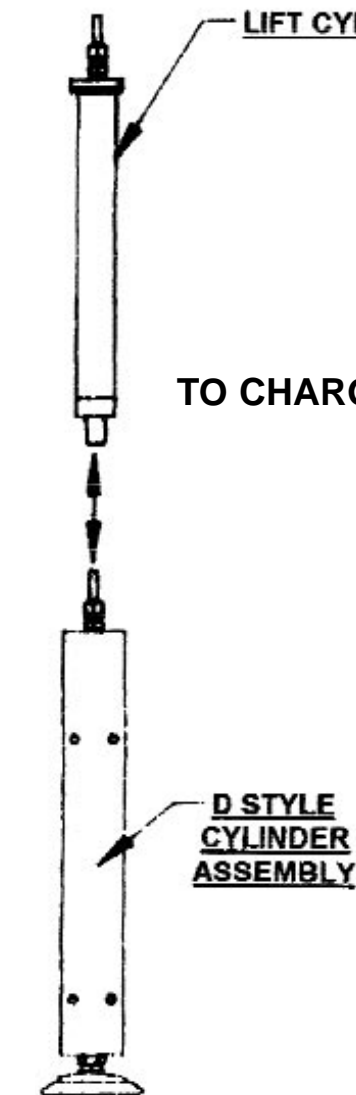
TO CHARGE CYLINDER PORTED ON SIDE, FOLLOW INSTRUCTIONS BELOW:

1. Make sure all cylinder rods are fully retracted.
2. Immerse cylinder fitting end into 16oz/500mL bottle of Levitech hydraulic fluid as shown. Draw fluid into cylinder by pulling cylinder rod 6 inches from cylinder tube, as if drawing fluid into a syringe.
3. Continue with steps 7-9 on page 2.
4. Repeat steps as necessary.



TO CHARGE D STYLE CYLINDER FOLLOW INSTRUCTIONS BELOW:

1. Make sure all cylinder rods are fully retracted.
 2. Remove retaining ring from D housing with standard internal retaining ring pliers. (Not Included)
 3. Remove lift cylinder from D housing.
 4. Follow steps 2-9 on pages 1 and 2.
 5. Insert cylinder back into D housing.
 6. Reinstall retaining ring into D housing retainer ring groove with standard internal retaining ring pliers.
- IMPORTANT NOTE: Make sure retaining ring is fully seated into ring groove before proceeding.**
7. Repeat steps as necessary.



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LEVITECH SYSTEM RECHARGE KIT CONTENTS: P/N: LPR-103611

- (1) Set of Levitech system recharge instructions
- (1) Set of Levitech hydraulic fluid M.S.D.S. sheets
- (1) 16oz./500mL bottle of Levitech hydraulic fluid
- (1) 36ft (11 meter) coil of flexible hydraulic tubing
- (1) 8oz. filler bottle w/needle adapter nose
- (1) 14 GA. filler bottle needle
- (10) Nut/Ferrules



PO Box 695 Wayzata, MN 55391
(952)404-1969 Fax: (952)404-1058